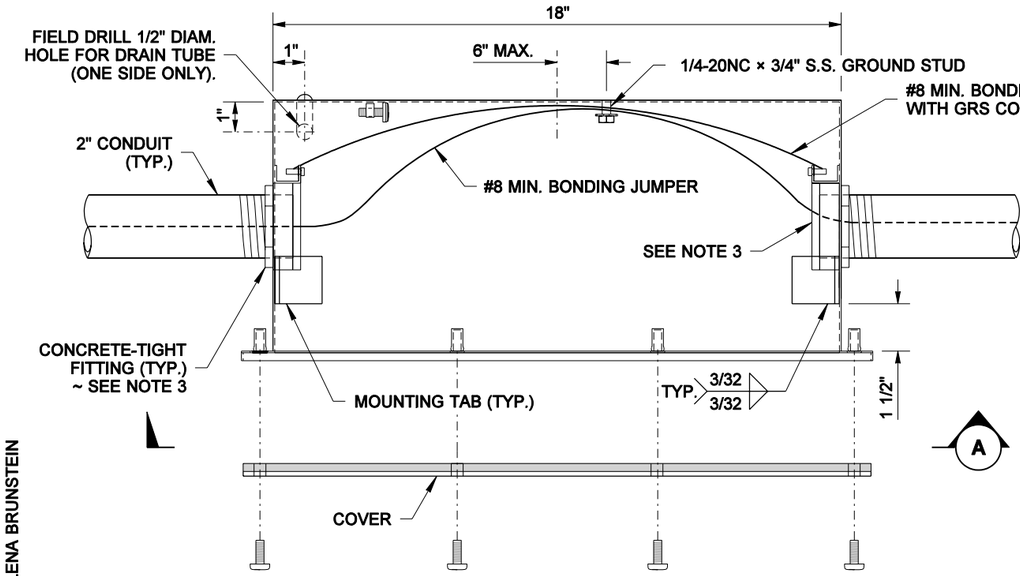
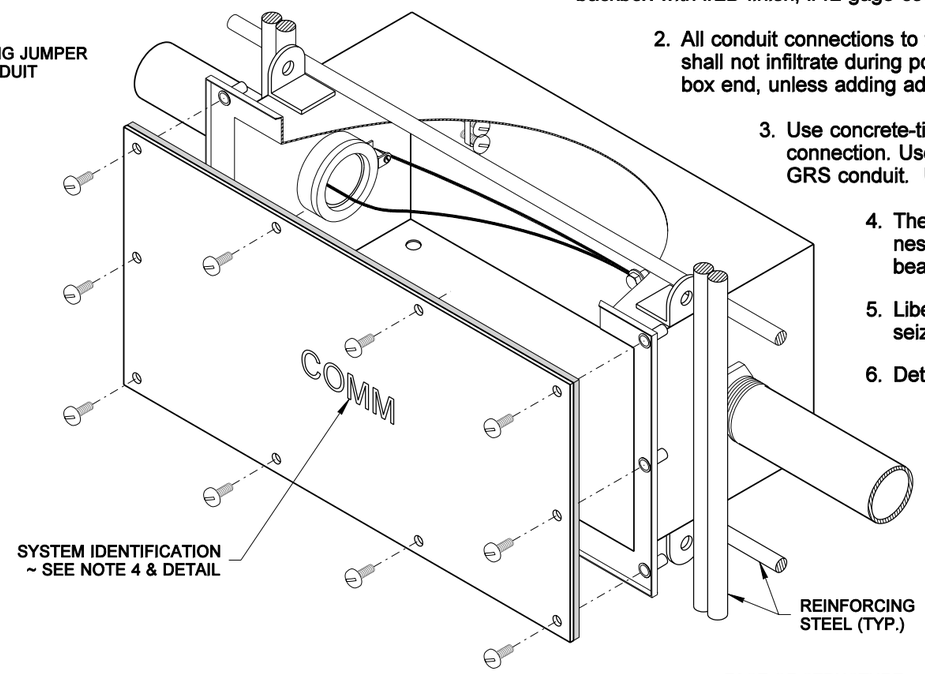
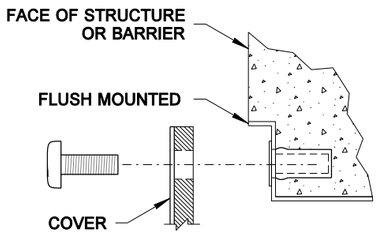


PLAN VIEW



ISOMETRIC VIEW
SHOWN MOUNTED IN REINFORCING STEEL

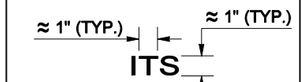


MOUNTING DETAIL
SECTION VIEW

NOTES

1. The Junction Box shall be of type 304 stainless steel, welded seam construction: #12 gage backbox with #2B finish, #12 gage cover with #4 finish, and #12 gage mounting tabs.
2. All conduit connections to the Junction Box shall be concrete-tight (wet concrete shall not infiltrate during pour). Field drill or punch the holes in the center of the box end, unless adding additional conduit. (See SECTION "B")
3. Use concrete-tight fittings on the outside of the junction box conduit connection. Use an insulated, grounded end bushing on the inside for GRS conduit. Use an end bell bushing on the inside for PVC conduit.
4. The System Identification letters shall be 1/16" line thickness formed by engraving, stamping, or with a S.S. weld bead. See Detail.
5. Liberally coat the threads of the cover fasteners with anti-seize compound during construction & before final closure.
6. Details shown for box installation in stationary forms.

SYSTEM IDENTIFICATION DETAIL

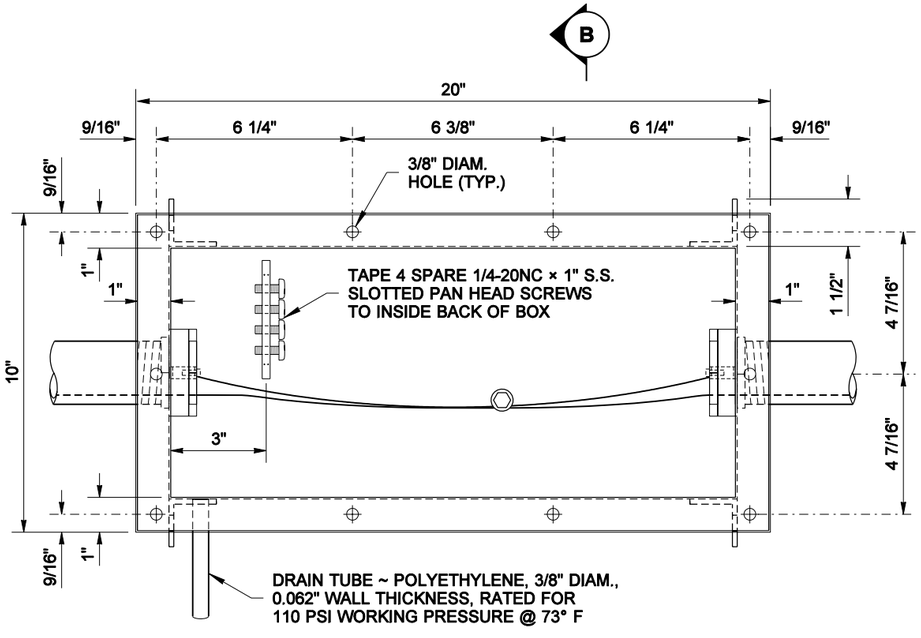


INTELLIGENT TRANSPORTATION SYSTEM

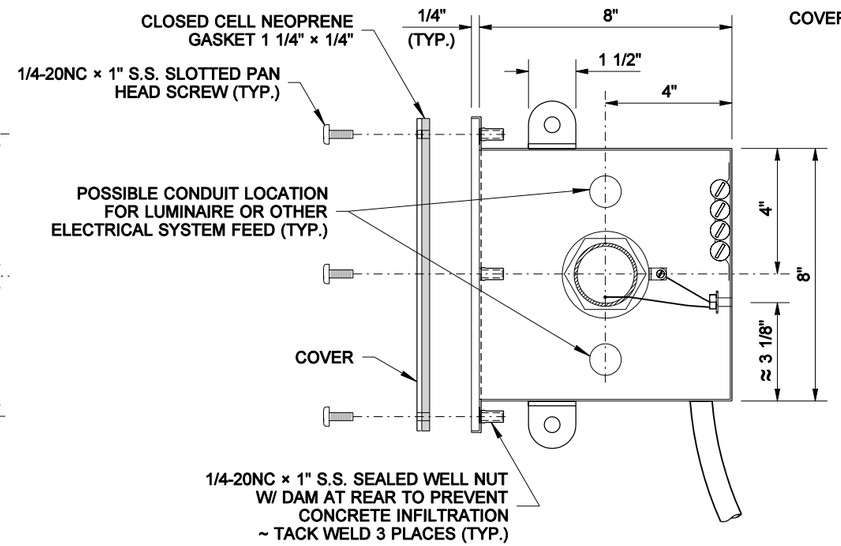
COMM
COMMUNICATION SYSTEM

LT
LIGHTING SYSTEM

TS
TRAFFIC SIGNAL SYSTEM



VIEW (A)



SECTION (B)

R. SCOTT ZELLER
STATE OF WASHINGTON
28680
REGISTERED
PROFESSIONAL ENGINEER

EXPIRES MAY 5, 2005

JUNCTION BOX TRAFFIC BARRIER MOUNTED

STANDARD PLAN J-16a

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso — STATE DESIGN ENGINEER — *03-04-05* — DATE

Washington State Department of Transportation

DRAWN BY: ELENA BRUNSTEIN